



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

INSPECTION REPORT

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

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Division Director

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Partial:___ Complete: X Exploration:___
Inspection Date & Time: 11/21/94/8:00am-3:00pm
Date of Last Inspection: 10/27/94

Mine Name: Bear Canyon Mine County: Emery Permit Number: ACT/015/025
Permittee and/or Operator's Name: Co-Op Mining Company
Business Address: P. O. Box 1245, Huntington, Utah 84528
Type of Mining Activity: Underground XX Surface___ Prep. Plant___ Other___
Company Official(s): Charles Reynolds
State Officials(s): Peter Hess Federal Official(s): NA
Weather Conditions: Cloudy/Cold/Some Flurries
Existing Acreage: Permitted-1531 Disturbed-28.09 Regraded-___ Seeded-___ Bonded- 24
Increased/Decreased: Permitted-___ Disturbed-___ Regraded-___ Seeded-___ Bonded-___
Status: Exploration/ XX Active/ Inactive/ Temporary Cessation/ Bond Forfeiture
Reclamation (Phase I/ Phase II/ Final Bond Release/ Liability Year)

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

Instructions

- Substantiate the elements on this inspection by checking the appropriate performance standard.
 - For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
 - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4th Quarter-April, May, June)_____ (date)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>



INSPECTION REPORT
(Continuation sheet)

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PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION: 11/21/94

(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

Mr. Reynolds informed me that a new amendment for moving the explosives storage magazines has just recently been submitted to the DOGM.

A permit amendment for the installation of a new belt tower WNW of the Bear Canyon tippie and a new water line for the shower house has just recently been approved.

Mr. Reynolds also informed me that he has been working on a submittal to properly classify four BTCA areas which were mentioned in the August, '94 inspection report. Soil samples from these areas have been submitted for analysis to provide data for the SEDCAD analysis and the necessary maps have been updated. Mr. Reynolds indicated that he is awaiting the final Division Directive on ASCA's and SAE's before he submits this amendment.

7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS

Inspected the waste rock disposal site which had approximately twenty tons of material recently dumped on it. This was the first deposition of material. Mr. Reynolds was planning to sample the material for acid and toxic forming characteristics and survey the pile as is required by the MRP. Mr. Reynolds was not aware of but was informed that he needed to conduct quarterly certified inspections and an annual certification inspection of the pile. This pile is considered "temporary" but will be built upon as long as the mine remains in production. The final use of the material will be as backfill for the portal areas. It is this inspectors intent to make the permittee fully aware of the requirements which must be met for the storage of mine waste.

11. CONTEMPORANEOUS RECLAMATION

The removal of the old coal recovery bin which is north of the tippie remains to be completed. This seems to be a project which is worked on when the permittee feels like it. Mr. Reynolds explained that the employees who would be normally assigned to this job are presently installing the CMP bunker lining between the Tank seam and the Blind Canyon seam. It would behoove the operator to complete the bin recovery project as quickly as possible.

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13. REVEGETATION

Seeding was conducted in the following areas;

- 1) Tank seam road out slopes10/3 thru 11/12
- 2) Coal storage pad out slope.....10/21

A copy of the seed mix tag which was utilized has been forwarded to the SLC DOGM office for review.

14. SUBSIDENCE CONTROL

The annual subsidence survey was conducted on August 28, 1994 and certified by Mr. Dan Guy of Blackhawk Engineering. The results of that survey are as follows;

- 1) SMS-1 through SMS-4 showed a drop of from 0.37 to 0.95 feet.
- 2) SMS 7 and 8 showed very little change.
- 3) SMS 9 and 10 showed an upheave of +.01 to +.02 feet.

16. ROADS: DRAINAGE CONTROLS

The mine site received approximately 14" of snow during last weeks storm, thereby covering much of the drainage system. Several culvert inlets were visible, however and those that were appeared to have full functionability.

21. BONDING AND INSURANCE

The bond amount for the Bear Canyon Mine has been increased \$147,629 to a full amount of \$487,911. The increase is due to the addition of the Tank seam access road and pad acreage (additional 2.71 acres), and the 1995 permit renewal.

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas, and Mining.

Copy of this Report:

Mailed to: Charles Reynolds (Co-Op)

Bernie Freeman (OSM)

Given to: Joe Helfrich (DOGM)

Filed to: Price Field Office

Date: December 2, 1994

Inspector's Signature: _____

Peter Hess

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